	Claims	
	adii ibibb iidh iibi ib	ı
		ı
		1

Application No.	Applicant(s)
09/880,931	GOTOU ET AL.
Examin r	Art Unit
Mary Kate B Baran	2857

√	R ject d
П	Allowed

_	(Through num ral) Cancelled
÷	Restricted

N	N n-El cted
1	Interference

Α	Appeal	
0	Objected	

	4	Date						_				ि	CI	aim	T	Date										_	laim	Ť	_		
Final	Original	3 6 6 7 6	40/ZL/c												Final	Original.						Ī		<u>.</u>	Ţ.		-	Final	Original		Ť
-	+		, 	4		┝	4	4		_	↓	↓	4				L	L	_	Ĺ	L	L	,					7	ō.	İ	ļ
\vdash	2	+	+	4		┝	╁	+	-	-	├	+	4	L		51	<u> </u>	_	L	L									101	1	†
	3	1	5	┪	_	+	╁	+	_	,>	⊢	┝	\dashv	-		52	-	H	-	<u> </u>	↓	Ŀ	L	4	_		L		102		Ι
	4	1	-	Ť		H	+	+	٦	-	├-	┢	-	F		53	H		<u> </u>	<u> </u>	<u> </u>	_	↓.	+-	ŀ	4	_		103		Ι
	5	1,	7	7	^	H	+	†	\dashv		╁	┝	-	H		54. 55	-	Н	_	<u> </u>	<u> </u>	<u> </u>	1	+-	<u> </u>		L		104	<u> </u>	
	6	1	7	T	_	<u> </u>	†	┪	7		-	-	1	-	,	56	\vdash	-		<u> </u>	_	<u> </u>			-		L		105	igspace	L
	7	1		7	_		+	+	7	_	\vdash	┢	1	\vdash		57	Н	\dashv	-	-	<u> </u>	-	⊢	-	_		_		106	L	Ļ
	- 8	1	1				†	Ť	┪	_		\vdash	1	\vdash		58	\vdash	-	$\dot{\dashv}$	-	<u> </u>	<u> </u>	├-	-	_	1	-	E	107	<u> </u>	L
	9	\	1	T			\top	T	T	- 1			1	\vdash	一	59		\dashv	$\dot{\dashv}$	-		-	 	+	-		-		108	<u> </u>	L
	10						Π	T	T			_	1	\vdash		60	\vdash	\dashv	-	_	-		-	╁	├	1	L	_	109	<u> </u>	Ł
	11	0		1			-	Т	T				1	\vdash	- ;	61	\dashv	\dashv	-	_	-	-	<u> -</u>	-57			-		110	<u> </u> -	╀
	12	0						T	T					\vdash	7	62	7.1		-	\neg	-	_	 -	-	-		-		111	-	L
	:13	V		\perp	┙	,		Ι						_		63	\neg	\dashv	\neg	\dashv	\exists	_	\vdash	-	-		-		112	-	H
	14	V	_	╧	_		<u> </u>		\Box					Γ		.64	\neg	7	7		-	\dashv	_	1	_		H	-	113		H
	15	1		1	4	٠.	Ŀ	L	\perp		-]			Γ		65	\neg	7	1		: 	\neg	_	\vdash	_		\vdash	\dashv	115		┝
	16	1	-	1	4		Ŀ	L	_					Γ		66			7		7		<u> </u>	Н	_		ŀ÷	+	116	٠.	┝
	17	N	-	4	4	-	_	1_	4							67				7	_			Н	_		┝	\dashv	117	\dashv	F
8	18	N	╀	4	4	_	L	L	4	4						.68		7	寸	7	_	•		- T	\dashv		一	\dashv	118		-
	19	=	╄-	4	4		_	L	1	_				L		69			\neg	T	\neg				၂			+	119	\dashv	_
	20	=	ŀ	4	4	_	_	L	1	_				L		70			-	\neg					\exists		-		120		-
·	21	=	ļ.,	+-	4	4		L	1	_						71:				T	7	1		•	.		<u> </u>	7	121	-	
	22	=	ļ	+-	+	_		L	4	4			H	L_	_	72				: [T	\neg		\neg		_	7	122	_	-
	23 24	=	-	+	+	4		1	+			4		L.	-	73		6		- 0				7	\Box			\dashv	123	4	_
	25	=	┝	-	+	\dashv		-	+	-	-	_			4	74			,	_L	\Box	$_{\perp}$			٦			7	124	7	_
_	26	-	H	⊬	+	\dashv	-	-	+	٠,	-	4				75	4	-	┙		1				_ [125	T	_
	27	=	H	╁	+	+	_	-	+	+	4	4		_		 _	4				\perp								126	\neg	_
	28	=	 	╁	╁	+		\vdash	╁	+	+	\dashv		-		77	4	4	1	4	_			·					127	寸	_
	29	=	-	╁	╁	+	-	_	╀	+	+	-				78	+	4	4	4	4	-			_]			\perp	128	\exists	Т
	30	=	-	┝	╁	+	-		╁	+	-	-				79	_	_	4		\perp	\perp	4	\dashv				\Box	129	T	_
	31	=	_	-	+-	+	┪	_	╁	+	+	\dashv	-			80	-	4	4	4	4	4	4	4	\exists	L			130	\Box	Ξ
	32	=	_	 	+	7	_	-	╁	\pm	+	\dashv	H	,		81		- -	+		-	4	_[_				131	\perp	
	33	=	_	r	+	$^{+}$	7	_	╁	+	+	\dashv				82 83		+-	+	+	+	4	4	4	4				132		
	34	=			Ť	+	\dashv		╁	+	╅	Ⅎ	- }	-		34 .	+-	+-	+	+	+	4	-	_	_	L			133		
	35	=	_		十	Ť	\dashv		╁╴	+	+	\dashv	ŀ	_		35	+	┵	╄	+	+	4	\downarrow	+	4			⊥'	134	_	
	36	=	_	_	T	†	7	115	┢	+	+	7	ŀ	_		36	╁	╀	+-	+	╀	+	+	+	-4		•		35	_	
	37	=			T	+	7		T	+	+	+	ŀ	_		37	╁	╁	╁	╁	+	+	+	+	-	ŀ	_		36	_	_
	38	= [1	7		┢	十	†		-	-		38	+	╁	╁	-	+-	╁	+	+	4	ŀ			37		_
	39	=			T	T	7		Г		+	7	1			39	┿	+-	+	╁	-	┿	+	+	-	-			38	_	
	40	=			Г	T	\exists		_	\dagger	1	7	ŀ	-		00	+	┿	+	╫	+-	┿	+	+	- :	-	_		39	4-	
	41	=		_	Γ	J.			Г	T	1	7		-	_	1	-	-	+	+	+	+	+	+	4	-			40.	+	_
		= [L	Ι							۲	_		2	+	+-	+-	+-	+	╁	+	+	-	H			41	+	4
	43	=	_		L	I	floor			I	Ι]:	ı			3	\top	+	+	+	+-	+	+	+	-	H			42 43	+-	4
	44.	=	Ц		L		\perp			L	oxdot]				4		T	T	✝	+	+	+	+	-	+			44	+	4
		=	4		_	\perp	\perp			L	L]				5	T	\top	1	\dagger	+	+	+	+	1	+	-		45	+	4
		=	4	_	L	Ļ	\perp	_		L	\perp			_	9		1	T	1	1	1.	+	+	+	-	╟			46	┿	+
	_	=	4		L	Ļ		\perp		L			::[9					1	†	\dagger	1.	+-	1	r			47	+	+
		=	4	_		L	\downarrow	4		L	\perp]	Ĺ		9	8	Γ	Γ	Γ	T	\top	\top	†	+	1	-			48	+	+
	49 50	4	4	_		↓_	4	4		_	1	1	L		9	9	F			T	\top		†	+	1	-	_	1	49	+	$^{+}$
- 1	วน ไ	1 L.	- 1	- 1		1	1	- 1		1	1	1:::	::[140	0			_	_	_	+	-		⊣ :::	::-		+ '	, _	_	

		Clair	n	Ť		,		•	_	_	D	at	e	_	_	-	_	_
	7					Γ			7		Ť		Ť					
			Original															-
		1	01				1		İ		İ	-	L		_	\dagger	_	-
ŀ		1	02 03	L	4	_	4		1	_	1		L	1		Ţ		
ł	,	1	03	_	4	_	+		1	,	1	_	L	4	1	1		
ŀ	_	1	04 05	÷	+	_	+	_	╀	_	╀	_	H	4	_	╀	4	-
ł	_	10	06		+	-	+	_	t	_	╀	_	-	+	_	╁		
ľ	. =	10	07	_	t	_	†		t	1	╁	Ť	-	+		╁	-	_
		10	08		1		Ť	_	t		┢		_	†		t	7	-
L		10	9		Ι		I		Ī				_	†	_	t	7	
L		1	10		1	_	Ţ							I				
ŀ		1	11	_	1	٠	1	_	L		L	4		1			_	
ŀ	_	11	12	_	╀	_	+,	_	L	_	Ŀ	4	_	4		L	4	_
H	÷	11	13	_	╀	,	H		H	4	-	4	_	ļ		-	4	_
۲		11	5		╁		╁	_	H	4		4	_	+	_	⊢	+	\dashv
r	•	11	6	•	t		t		-	+	_	+	÷	+		\vdash	+	*
		11	7	_		_	t	٦	-	7	_	t	_	ľ	_	H	+	ᅥ
		11	8		Ī		L		_	7	_	†	_	1		-	+	7
L	*	11	9		L	_			_	\Box		Ï					1	ᅵ
L		12 12	0		L	_	L	_			_	1				:	•	
L	_	12	1	_	L	_	L	4	_	4	_	1		L		_	1	
-	_	12 12	}		Ŀ	_	L	4		1	_	4	(4)	_	4	_	1	4
-	_	12	3		H	4	٠.	+	_	+	_	+		L	4		+	4
_	_	12	5	_	H	۲	_	+	_	+	_	╁		-	+	-	╀	\dashv
		12	6		Г	1	_	†	_	†	_	t		H	+	-	+	┪
		12	7			٦		Ť	_	Ť		t		_	†		†	۲.
	_	12	3				:					İ			1		T	7
		129	9	4	_	4	_	1		I		L			I	_	Ι	
_		130	- 1	4	_	ļ	_	ļ		1		L	`		I		L]
_	_	13°	-	+	_	+		╀		╀	_	L	-		4	_	L	4
_	-	133	1	+	-	+	-	+		╀	<u>.</u>	H	4	_	+	_	L	4
_		134	í	+	-	+	-	t	_	╁	_	H	+	-	╁		╁	┨.
,		135	5	7		†	_	†		t		-	+	_	╁	_	\vdash	\dashv
		136	:	1		Ī	_	T		T		_	7	_	t	_	\vdash	1
_		137	1	1		I		L		Γ				_	İ			1
	_	138	4_	+		ļ		Ł	_	L	_		1	_	L]
	-	139 140		╀	_	╀	. :	┞	_	-	-		4	_	Ļ	_	L	١.
	_	141	+-	$^{+}$	_	ł	-	├	_	H	+	_	+	_	Ł	-		1
_		142	†	t		t	_	H	_	┝	+	_	+	_	┝	ì	_	1
		143	Т	T		T		T		-	7	:	t	_	H	7	_	1
		144		I	_	I					1		†	_	Γ	7	,	1
	_	145	\perp	Ĺ	_	Ĺ					I		I			J	_	1
_	4	146	↓_	1		L	_		_	_	1					1]
_	4	147 148	-	H		L	_	_	4	_	4		1		L	4		ļ
_	+	149	+	╁	_	┝	_	_	4	_	+	_	╀	_	_	4	_	-
_	7	150	+	┢	_	-	+	_	+	-	+	_	╀	\dashv	_	+	_	ł
_				٠.	_	_					_1		1	- 1		- 1		1